

South Davis Transit Study Comparative Analysis of Modes

Information is based *on typical characteristics* of transit modes in other communities.

	Streetcar	Light Rail	DMU	BRT	Bus
Cost to build (millions)	\$2–8 Historic \$25 -35 Modern	\$40-\$100	\$10-\$50 using existing railway line	\$5-\$30 depending on guideway	\$1-\$5
Typical length of line	5 miles or less	5–20 miles	15-30 miles	5-20 miles	5-20 miles
Distance between stations	¼ to ½ mile	½ - 2 miles	2 – 4 miles	½ - 2 miles	½ - 2 miles
Average/Max speeds	8-15mph/45 mph	20–25 mph/65 mph	25-30mph/70mph	20-25mph/65mph	12-18 mph Posted speed limit
Frequency (minutes)	10–15 peak 15-30 off-peak	5-10 peak 10 -20 off-peak	15-30 peak 30-60 off peak	10-15 peak 15-30 off peak	10-15 peak 15-30 off peak
Car Capacity (seated plus standing)	50-100	160-200	75-218	60 90 articulated	60 90 articulated